



Water-Data Report NV-2005

### 10347310 DOG CREEK AT VERDI, NV

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

LOCATION.--Lat 39°31'28", long 119°59'40" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.7, T.19 N., R.18 E., Washoe County, Hydrologic Unit 16050102, on right bank, and 500 ft above confluence with the Truckee River.

DRAINAGE AREA.--24.2 mi<sup>2</sup>.

#### WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Nov 1992 to Sep 1998; Apr 20, 2004 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4900 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,500 ft<sup>3</sup>/s, Jan 1, 1997, gage height, 8.82 ft; minimum daily, 0.30 ft<sup>3</sup>/s, Jun 30, Jul 1, 2, 14, 15, 18, 1994.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 40 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Mar 10	1845	126	5.81
Mar 22	1545	113	5.77
Mar 27	2330	*208	*5.99

## 10347310 DOG CREEK AT VERDI, NV—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.58	1.3	e2.3	2.0	3.2	9.8	45	21	4.5	0.80	0.47	0.41
2	0.59	1.3	e2.3	2.0	3.2	11	50	18	4.2	0.72	0.48	0.40
3	0.67	1.5	e2.3	2.1	3.2	11	46	17	4.0	0.70	0.47	0.40
4	0.65	1.6	e2.3	2.1	3.3	10	38	17	3.6	0.69	0.45	0.41
5	0.84	1.5	e2.3	2.0	3.4	11	37	18	3.4	0.68	0.42	0.41
6	0.98	1.5	e2.3	2.0	3.6	13	45	16	3.4	0.65	0.39	0.41
7	1.1	1.6	e2.4	2.1	3.6	16	50	14	3.3	0.62	0.37	0.41
8	1.3	1.8	e2.4	2.1	3.7	21	43	13	4.0	0.60	0.36	0.42
9	1.5	1.8	e2.5	2.1	3.7	30	34	21	5.1	0.60	0.36	0.43
10	1.5	1.7	e2.6	2.1	4.0	45	28	16	4.4	0.58	0.34	0.46
11	1.7	1.7	2.5	2.1	4.1	40	30	13	3.4	0.56	0.34	0.47
12	1.8	1.9	2.5	2.0	4.6	46	33	12	2.9	0.54	0.34	0.46
13	1.9	e1.9	2.5	2.2	5.3	25	30	11	2.6	0.52	0.34	0.45
14	1.7	e2.0	2.3	2.1	5.0	13	25	10	2.4	0.51	0.35	0.45
15	1.6	e2.0	2.1	2.1	4.5	9.7	23	10	2.0	0.49	0.38	0.44
16	1.7	2.3	2.1	2.2	4.0	7.8	25	12	1.9	0.46	0.40	0.43
17	1.8	2.3	2.0	2.2	3.9	6.5	31	10	2.3	0.49	0.38	0.44
18	2.0	2.4	1.8	2.2	3.9	6.2	31	9.7	2.1	0.49	0.36	0.45
19	2.3	2.3	e1.8	2.2	4.1	14	30	9.7	1.9	0.49	0.37	0.44
20	2.7	2.3	e1.8	2.3	4.7	9.3	30	8.9	1.7	0.49	0.36	0.45
21	2.2	2.3	e1.8	2.5	5.5	7.0	28	8.3	1.5	0.50	0.36	0.45
22	1.9	2.2	1.8	2.5	6.5	50	28	7.6	1.4	0.48	0.36	0.44
23	1.9	2.2	1.8	2.6	7.4	27	30	7.4	1.3	0.47	0.36	0.45
24	1.7	e2.1	1.8	2.6	7.8	15	27	7.0	1.2	0.47	0.37	0.47
25	1.5	e2.2	1.9	2.7	8.5	11	24	6.6	1.1	0.47	0.37	0.49
26	1.4	e2.3	1.9	2.9	9.3	13	24	6.4	1.1	0.47	0.37	0.50
27	1.3	e2.5	1.9	3.1	9.9	50	27	7.1	1.0	0.48	0.38	0.51
28	1.3	e2.6	2.0	3.3	10	96	25	6.5	0.97	0.48	0.37	0.50
29	1.2	e2.4	2.0	3.2	---	64	21	6.1	0.91	0.48	0.36	0.48
30	1.3	e2.3	1.9	3.2	---	48	19	5.4	0.84	0.48	0.40	0.48
31	1.3	---	1.9	3.2	---	41	---	5.0	---	0.48	0.42	---
<b>Total</b>	45.91	59.8	65.8	74.0	143.9	777.3	957	350.7	74.42	16.94	11.85	13.41
<b>Mean</b>	1.48	1.99	2.12	2.39	5.14	25.1	31.9	11.3	2.48	0.55	0.38	0.45
<b>Max</b>	2.7	2.6	2.6	3.3	10	96	50	21	5.1	0.80	0.48	0.51
<b>Min</b>	0.58	1.3	1.8	2.0	3.2	6.2	19	5.0	0.84	0.46	0.34	0.40
<b>Ac-ft</b>	91	119	131	147	285	1,540	1,900	696	148	34	24	27

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	1.21	1.70	7.07	18.3	17.5	50.8	34.2	13.8	4.35	1.21	0.61	0.75
<b>Max</b>	1.48	2.18	37.8	90.6	59.1	98.0	63.6	40.5	12.9	2.49	0.93	1.19
<b>(WY)</b>	(2005)	(1997)	(1997)	(1997)	(1996)	(1993)	(1993)	(1995)	(1995)	(1995)	(1996)	(1998)
<b>Min</b>	0.78	1.24	1.22	1.27	1.78	2.21	1.36	1.14	0.48	0.35	0.38	0.45
<b>(WY)</b>	(1995)	(1995)	(1994)	(1994)	(1994)	(1994)	(1994)	(2004)	(2004)	(1994)	(2005)	(2005)

**10347310 DOG CREEK AT VERDI, NV—Continued****SUMMARY STATISTICS**

	<b>Water Year 2005</b>		<b>Water Years 1993 - 2005</b>	
<b>Annual total</b>	2,591.03			
<b>Annual mean</b>	7.10		12.2	
<b>Highest annual mean</b>			19.6	1995
<b>Lowest annual mean</b>			1.14	1994
<b>Highest daily mean</b>	96	Mar 28	1,200	Jan 1, 1997
<b>Lowest daily mean</b>	0.34	Aug 10	0.30	Jun 30, 1994
<b>Annual seven-day minimum</b>	0.35	Aug 8	0.31	Jun 27, 1994
<b>Maximum peak flow</b>	208	Mar 27	2,500	Jan 1, 1997
<b>Maximum peak stage</b>	5.99	Mar 27	8.82	Jan 1, 1997
<b>Annual runoff (ac-ft)</b>	5,140		8,830	
<b>10 percent exceeds</b>	25		33	
<b>50 percent exceeds</b>	2.2		1.9	
<b>90 percent exceeds</b>	0.43		0.60	